	Туре	L	#	Hits	Search Text	DBs	Time Stamp	Comment
1	BRS	L1		5	FBAR and "first piezoelectric material"		2006/03/3 0 08:23	
2	BRS	L2		2	(FBAR or "bulk acoustic") and "different piezoelectric material"	US- PGPUB; USPAT; USOCR; EPO; DERWE NT; IBM_T DB	2006/03/3 0 08:23	

Searching PAJ



Search Results: 4 Index Indication If you want to conduct a Number Search, please click on the button to the right. Number Search Text Search Applicant, Title of invention, Abstract — e.g. computer semiconductor If you use the AND/OR operation, please leave a SPACE between keywords. One letter word or Stopwords are not searchable. bulk acoustic resonator AND 😴 **AND** AND 🔻 first piezoelectric material **AND** AND 😎 **AND** Date of publication of application — e.g.19980401 - 19980405 **AND** IPC - e.g. D01B7/04 A01C11/02 If you use the OR operation, please leave a SPACE between keywords. Stored data Search 🛂

Copyright (C); 1998,2003 Japan Patent Office

RESULT LIST

0 results found in the Worldwide database for:

fbar or "bulk acoustic" in the title AND "different piezoelectric material" in the title or abstract
(Results are sorted by date of upload in database)

Data supplied from the esp@cenet database - Worldwide

RESULT LIST

O results found in the Worldwide database for: "bulk acoustic" in the title AND "first piezoelectric material" in the title or abstract (Results are sorted by date of upload in database)

Data supplied from the esp@cenet database - Worldwide

RESULT LIST

O results found in the Worldwide database for:
"bulk acoustic" in the title AND "first resonator material" in the title or abstract
(Results are sorted by date of upload in database)

Data supplied from the **esp@cenet** database - Worldwide



Canadian Intellectual Property Office Office de la propriété intellectuelle du Canada Canadä

Français Strategis Contact Us Site Map Help Search
What's New About Us

Canada Site Registration





CIPO Home

Patents Main Page

PATENTS DATABASE

Search Options

Basic Number Boolean

Advanced

Help

Content Searching

Search Language

FAQ

Disclaimer

Foreign Patent Links

Decisions of the Commissioner of Patents

Trade-marks Database

Copyrights Database

Industrial Designs Database

Canadian Intellectual Property Office

Canadian Patents Database

Search Results 03/30/2006 - 08:24:49

Search

Query:

(("bulk acoustic" or fbar) and "differen

Query: (("bulk acoustic" or fbar) and "different piezoelectric material")

Sorry, no patents were found matching your query

Please modify your query and try again. <u>Example queries</u> and <u>search language help</u> are available.

Important Notices



Canadian Intellectual Property Office Office de la propriété intellectuelle du Canada

Canadä

Français Strategis Contact Us Site Map Help Search
What's New About Us

Canada Site Registration





CIPO Home

Patents Main Page

PATENTS DATABASE

Search Options

Basic Number

Boolean

Advanced

Help

Content Searching

Search Language

FAQ

Disclaimer

Foreign Patent Links

Decisions of the Commissioner of

Patents

Trade-marks Database

Copyrights Database

Industrial Designs

Database



Canadian Intellectual Property Office

Canadian Patents Database

Search Results 03/30/2006 - 08:14:11

Search

Query:

((("bulk acoustic" and "first resonator i

Query: ((("bulk acoustic" and "first resonator material")))

Sorry, no patents were found matching your query

Please modify your query and try again. <u>Example queries</u> and <u>search language help</u> are available.

Important Notices



Canadian Intellectual Property Office Office de la propriété intellectuelle du Canada Canadä

Français Strategis Contact Us Site Map

Help Search
What's New About Us

Canada Site Registration





CIPO Home

Patents Main Page

PATENTS DATABASE Search Options

Basic Number Boolean Advanced

Help

Content Searching

Search Language

FAQ

Disclaimer

Foreign Patent Links

Decisions of the Commissioner of Patents

Trade-marks Database

Copyrights Database

Industrial Designs Database

Canadian Intellectual Property Office

Canadian Patents Database

Search Results 03/30/2006 - 08:13:56

Search (

Query:

(("bulk acoustic" and "first piezoelectric

Query: (("bulk acoustic" and "first piezoelectric material"))

Sorry, no patents were found matching your query

Please modify your query and try again. <u>Example queries</u> and <u>search language help</u> are available.

_

Important Notices

Searching PCT (Full Text)...

[Search Summary]

Results of searching in PCT (Full Text) for: (FBAR or "bulk acoustic") and ("first resonator material" or "first piezoelectric material"): 2 records Showing records 1 to 2 of 2:

Refine Search (FBAR or "bulk acoustic") and ("first resonator material

Title

- 1. (WO 2005/046052) IMPEDANCE TRANSFORMATION RATIO CONTROL IN FILM ACOUSTICALLY-COUPLED TRANSFORMERS
- 2. (WO 2004/038915) TUNABLE ACOUSTIC WAVE DEVICE

Search Summary

FBAR: 2653 occurrences in 106 records.

"bulk acoustic": 1749 occurrences in 290 records.

(FBAR OR "bulk acoustic"): 311 records.

"first resonator material": 0 occurrences in 0 records.

"first piezoelectric material": 38 occurrences in 10 records.

("first resonator material" OR "first piezoelectric material"): 10 records.

((FBAR OR "bulk acoustic") AND ("first resonator material" OR "first piezoelectric material")): 2 records.

Search Time: 8.93 seconds.

http://www.wipo.int/cgi-pct/guest/search5?ENG+14

Searching PAJ



Search Results: 2 Maximum Clear								
Text Search If you want to conduct a Number Search, please click on the button to the right. Number Search								
Applicant, Title of invention, Abstract — e.g. computer semiconductor								
If you use the AND/OR operation, please leave a SPACE between keywords.								
One letter word or <u>Stopwords</u> are not searchable.								
"different piezoelectric material"								
AND								
bulk acoustic AND								
AND								
AND T								
AND								
Date of publication of application — e.g. 19980401 - 19980405								
-								
AND								
IPC — e.g. D01B7/04 A01C11/02								
If you use the OR operation, please leave a SPACE between keywords.								
Search Stored data								

Copyright (C); 1998,2003 Japan Patent Office